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CCL/414/23: 70 patents.







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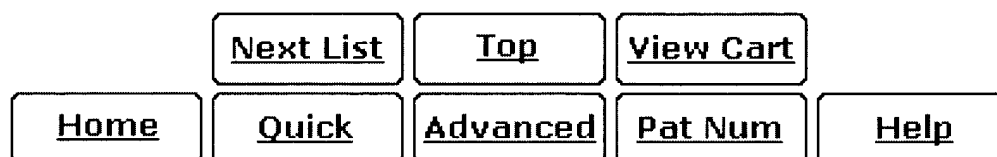
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PAT. NO.	Title
1 6,648,570	 Lifting and installing streetlight poles
2 6,641,347	 Pole extractor
3 6,592,316	 Automatic pole guide transfer mechanism
4 6,575,184	 Method and apparatus for single handed erection of large tents
5 6,494,515	 Pole handler attachment
6 6,405,770	 Modular delimber
7 6,267,544	 Log positioning and securing device
8 6,257,818	 Tree transport machine and method of transporting felled trees
9 6,062,793	 Apparatus for retracting and extending a boom
10 6,010,294	 Tractor hydraulic grabbing tool
11 5,979,340	 Pole inserting robotic mechanism for accessing the interior of a harsh enclosure

- 12 5,927,925  Pole setting guide
- 13 5,924,832  Hoisting apparatus for a tent pole
- 14 5,899,651  Column counterbalancing apparatus
- 15 5,876,174  Apparatus for transporting elongated loads
- 16 5,803,694  Portable tree platform elevated via a winch
- 17 5,788,450  Narrow self-propelled transportation apparatus
- 18 5,769,586  Self-loading log transporter
- 19 5,715,614  Transplant apparatus
- 20 5,634,759  Raising and lowering columns
- 21 5,516,250  Tree felling attachment apparatus for tractors
- 22 5,496,143  Tree and shrub lifting system
- 23 5,476,352  Transporting and setting utility poles in inaccessible locations
- 24 5,459,952  Apparatus for digging and transplating trees
- 25 5,450,912  Maintenance and extraction of poles
- 26 5,377,730  Apparatus to stabilize a cut tree in the vertical position during movement by a feller-buncher
- 27 5,281,067  Pole installation guide
- 28 5,174,701  Pole trailer safety latch
- 29 5,158,418  Method and apparatus for transplanting large trees
- 30 5,141,387  Apparatus for handling drums
- 31 5,081,941  Apparatus for excavating and transplanting trees and the like
- 32 5,073,080  Grapple device for auger sections
- 33 5,009,558  Tree lifter
- 34 4,929,145  Forklift adapter for stocking vertical racks
- 35 4,796,941  Tree transport trailer
- 36 4,775,276  Loader attachment for handling and transporting utility poles and cylindrical articles
- 37 4,763,742  Tree feller-buncher
- 38 4,718,816  Load handling attachment for vehicles
- 39 4,709,955  Device for transporting trees and the like
- 40 4,648,778  Log lifter
- 41 4,639,186  Forwarder
- 42 4,626,166  Method for the placement of a trailer-mounted sand hopper

- 43 [4,615,656](#)  [Cylinder gripping attachment for a fork lift truck](#)
- 44 [4,604,017](#)  [Tree transporter](#)
- 45 [4,373,853](#)  [Log handling machine](#)
- 46 [4,362,451](#)  [Pole-setting apparatus](#)
- 47 [4,355,476](#)  [Bucket assembly](#)
- 48 [4,340,333](#)  [Concrete pipe handling apparatus](#)
- 49 [4,304,394](#)  [Log lifting device](#)
- 50 [4,280,785](#)  [Multi-directional lifting and handling attachment for a crane boom](#)
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PAT. NO.	Title
51 4,262,812	 Tool apparatus for sprinkler systems
52 4,239,188	 Tree handling device
53 4,216,940	 Directional tree falling aid and method of applying same
54 4,212,577	 Grapple
55 4,150,503	 Apparatus for excavation and earth removal from aquatic bottoms
56 4,140,233	 Load skidding vehicle with weight transferring grapple
57 4,126,235	 Tree harvester control linkage
58 4,114,766	 Tree caddy
59 4,108,224	 Tree shear tilting mechanism
60 4,077,525	 Derrick mounted apparatus for the manipulation of pipe
61 4,069,846	 Device for extracting tree stumps
62 4,067,369	 Whole tree extraction device

- 63 [4,061,233](#)  [Drilling rigs](#)
 - 64 [4,057,138](#)  [Apparatus for routing logs](#)
 - 65 [4,056,134](#)  [Clamp assembly](#)
 - 66 [4,023,603](#)  [Tree top ejector](#)
 - 67 [3,974,925](#)  [Loader and tree remover](#)
 - 68 [3,972,358](#)  [Apparatus for delimbing trees](#)
 - 69 [3,937,340](#)  [Aerial platform having boom mounted pipe holder](#)
 - 70 [3,933,261](#)  [Construction equipment](#)
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